



Partnerships for Environmental Public Health Inaugural Meeting

Welcome to the
National Institute of Environmental Health Sciences



Welcome!

Quyaakamken

Hoan nghênh!

Bem vindo

Yá'át'ééh

Tanyan yahipi

Bienvenidos

Benvindus





Key Topics

- Background
- Partnerships for Environmental Public Health Program Described
- Programs under this 'umbrella'
- What has been accomplished
- Overview of meeting
- Housekeeping





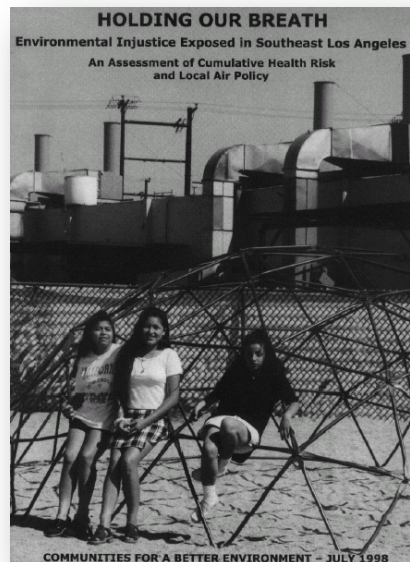
Partnerships For Environmental Public Health



History



Photo by Andrea Hricko



Successful Models of Community-Based Participatory Research



Meeting hosted by the NIEHS
March 29-31, 2000 - Washington, DC

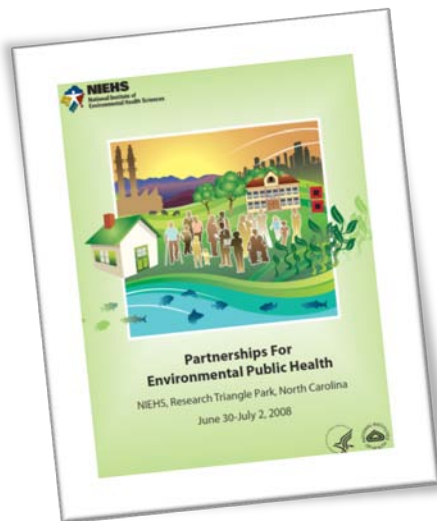
Final Report

Edited by Liam R. O'Fallon, Frederick L. Tyson, Allen Dearry



Partnerships for Environmental Public Health

- Development began in September 2007
- Builds upon the strengths of past and current programs
- Unified program to coordinate new and continuing activities in environmental public health
- Focus on research, communication, training and education, and evaluation
- Participatory: Input from many stakeholders:
 - » Request for Information (RFI) in November 2007
 - » <http://www.niehs.nih.gov/funding/grants/announcements/peph/index.cfm>
 - » Workshop held June 30-July 1, 2008
 - » <http://www.niehs.nih.gov/research/supported/programs/peph/about/workshop.cfm>
- **PEPH concept approved in September 2008**





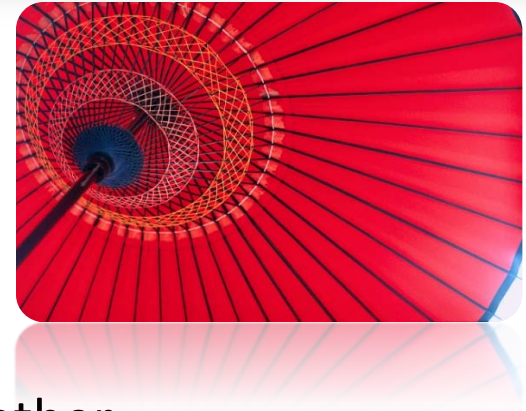
Definition of Environmental Public Health

The science of conducting and translating research into action to address environmental exposure and health risk of concern to the public

- Disseminate science-based information about environmental risks and diseases to communities and other stakeholders
- Foster partnerships between and among community residents/organizations, researchers and other stakeholders in the research process
- Promote communication of vital information about the linkages between exposures and disease to promote health and reduce the risk of disease across the populations at highest risk



Goals of the PEPH program



- Serve as an Umbrella Program – Strategically coordinate and integrate the various new and existing initiatives that involve communities and scientists working together
- Develop and evaluate strategies to communicate environmental public health messages to a diversity of audiences
- Create and provide materials to increase awareness and literacy about environmental health risks
- Evaluate program contributions to the advancement of environmental public health



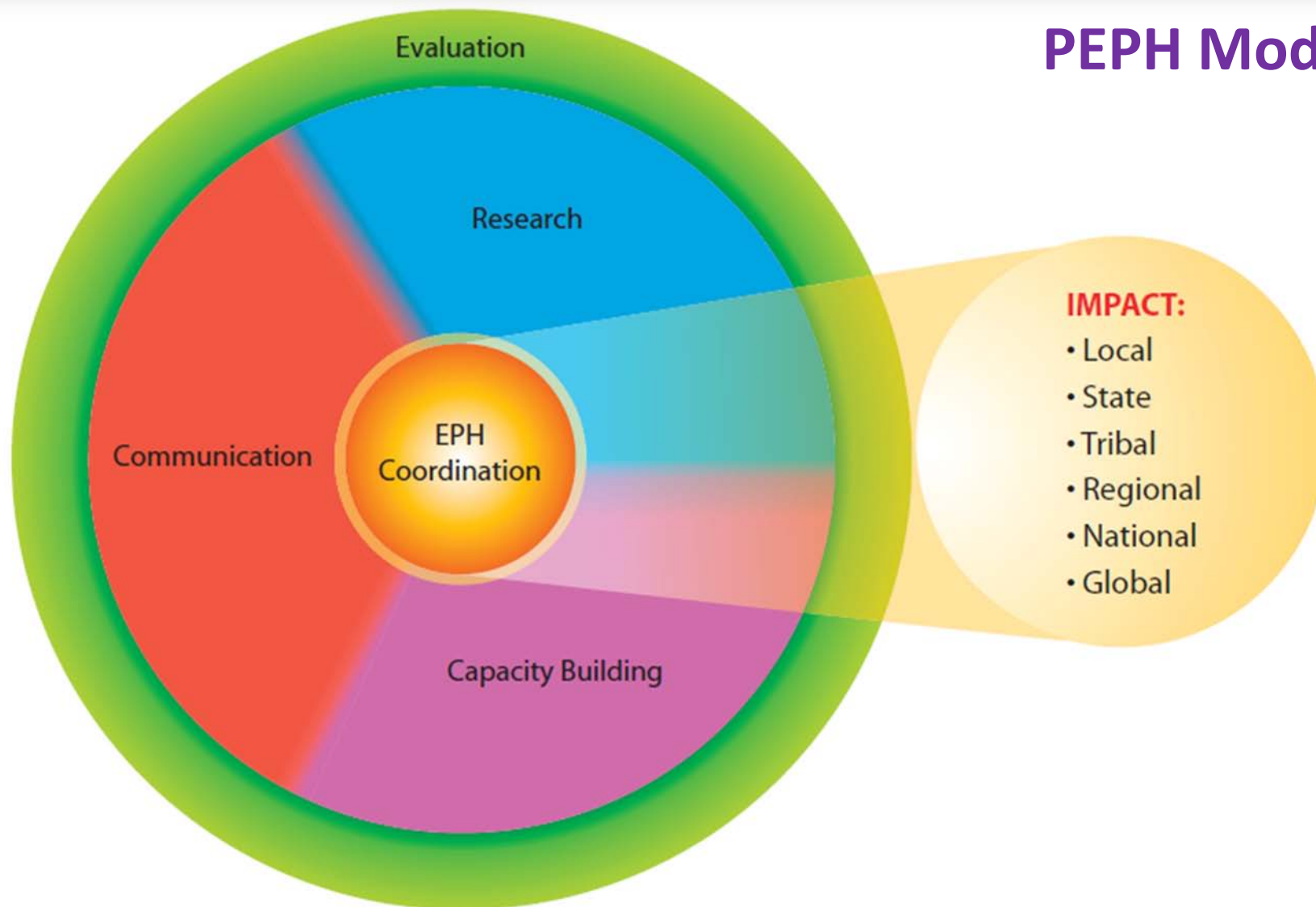
Community Partnerships: NIEHS History

1994-present	• Environmental Justice
1996-present	• Superfund Outreach and Translation Cores
1996-present	• Community Outreach Programs in EHS Core Centers
1996-2004	• Community Based Prevention and Intervention Research Program
1998-present	• Centers for Children's Environmental Health
2000-2007	• Establishment of the COEP Resource Center
2000-2007	• Science Education
2000-2005	• Health Disparities
2002-2007	• Environmental Justice: Built environment / Healthy communities
2003-present	• Environmental Justice: ESLI and genetics
2003-2008	• Centers for Population Health and Health Disparities
2003-2010	• Breast Cancer and the Environment Research Centers
2005-present	• Hazmat Training Program
2005-2009	• Obesity and the Built Environment
2005-ongoing	• Trans-NIH Community Participation in Research



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PEPH Model



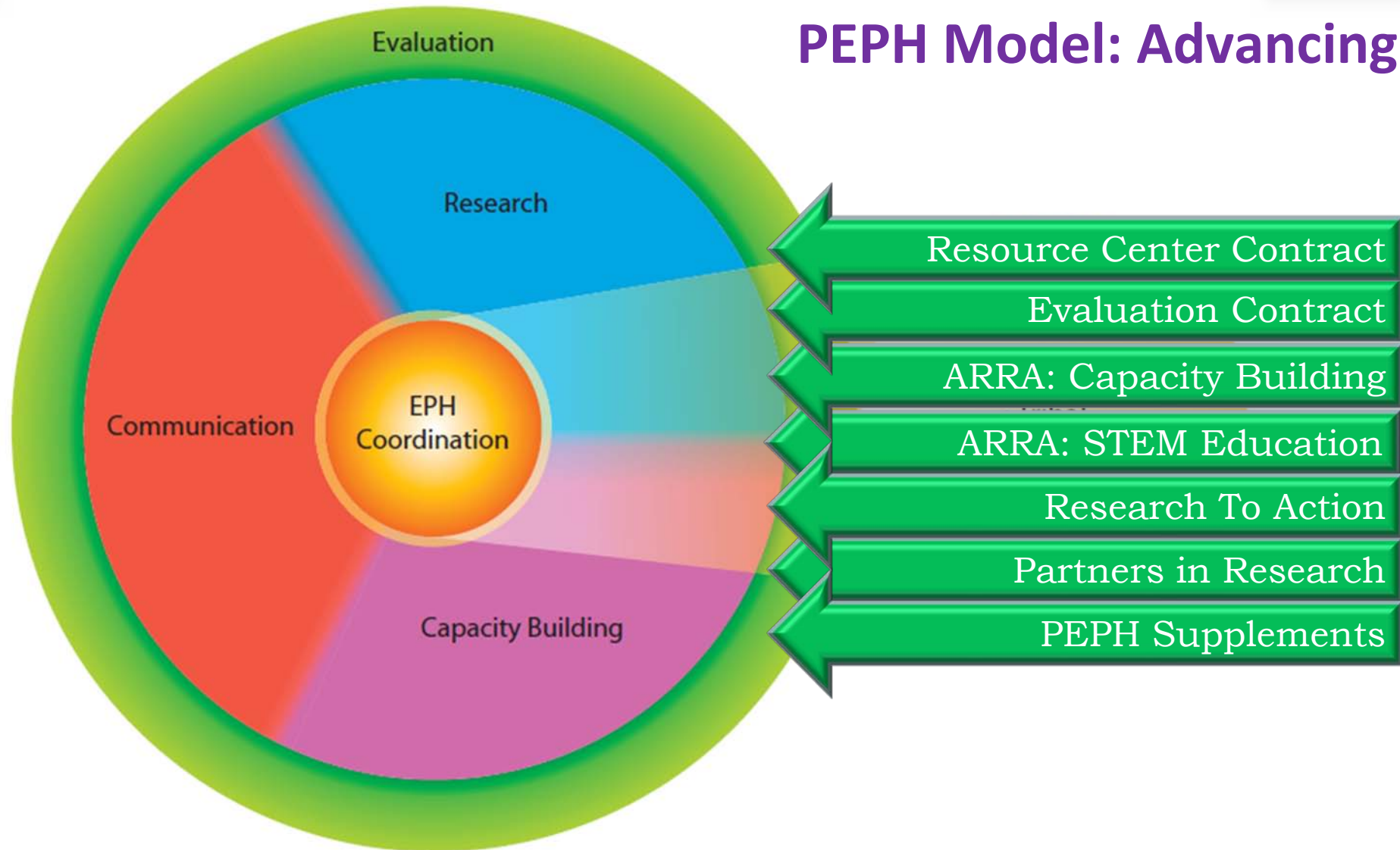


Programs Under the Umbrella

Research to Action	•Partnerships between researchers and community organization
CBPR	• Community-based participatory research
Capacity Building	•Developing skills to promote sustainable partnerships in research
Science Education	• Curriculum development, teacher training, and summer research experiences
Environmental Justice	•Partnerships among communities, researchers and health care professionals
Worker Training Program	• HazMat training
Fellowships	• Create opportunities for the next generation of researchers
EHS Core Centers	• Community Outreach and Education Cores
Superfund Research Program	•Community Outreach and Research Translation Cores
Children's Environmental Health	•Community Outreach and Translation Cores
Breast Cancer Centers	•Community Outreach and Translation Cores
Resource Center	• Central repository of materials developed by grantees
Evaluation Tools	•Development of tools and resources to evaluate participatory projects



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ACTIVITIES, HIGHLIGHTS, AND NEXT STEPS



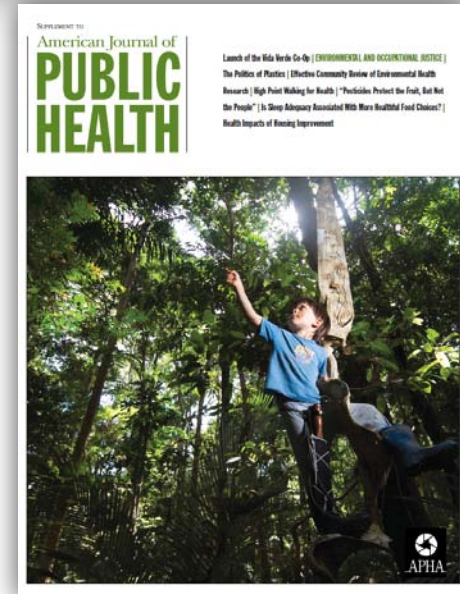
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Skill Building: Community Residents

- Researcher
 - Identify research questions
 - Collect Samples
 - Develop and implement surveys
 - Analyze findings
- Health Leader
 - Community health worker
 - Promotora
- Advocate
 - Communicate findings widely
 - Champion environmental health issues locally as well as globally



Morgan Apatiki, Community Health Researcher from Gambell, Alaska, collecting food samples for Traditional Food Study



www.ajph.org



CAT members giving testimony at City Council Meeting



Communication: Fish Advisories

- Duke Univ. partnered with the NC Dept. of Public Health and the NC Healthy Start Foundation to develop, test, and disseminate complex environmental health messages in cultural context
- Used a social marketing approach to develop the content and format of the risk/benefit message
- Materials dissemination through 100 clinics administering NC Supplemental Nutrition Program
- Three, 1-minute clips produced in partnership with Univision





Communication: Goods Movement

- At an NIEHS Town Meeting in Los Angeles, community residents express concern about health effects from ports
- EHS Core Center members listen and respond
- CBPR approaches used to estimate the preventable burden of childhood asthma associated with air pollution in the southern California communities of Long Beach and Riverside.
- Community-based quantitative risk analyses can improve understanding of health and help promote public health in transportation planning
- Goods movement issue is now being discussed on a National level.





Research: Reducing Diesel Exhaust

- University of Washington (UW) found crankcase emissions as the source of most pollution on school buses
 - Puget Sound Clean Air Agency incorporated the UW findings into its transportation policies and is now working with a trucking company to bring new technology into the school buses that can reduce harmful emissions
- In other states, researchers are working with communities to limit school bus idling to reduce exhaust near schools or to prohibit the building of new schools near busy highways





Communication, Capacity, and Research: Manganese in Ohio

- Journalists, community members and research scientists from the University of Cincinnati are working together in an Ohio rural Appalachian community to help local residents understand the health effects of chronic exposure to Mn
- Community relies on the local media for air quality information, yet reporters not trained in science or environmental journalism
- Educational partnership between scientists and journalists
- Community engaged in the research process to determine the health effects of Mn





Evaluation Contract

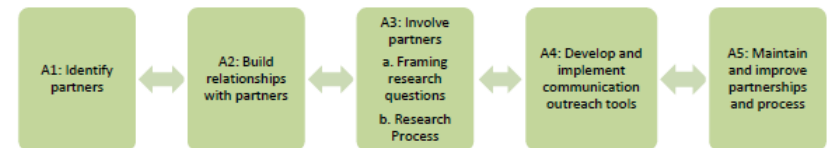
- Evaluation is a critical component of PEPH
- Community focused programs are more difficult to evaluate
- Working with the Science and Technology Policy Institute
- Project purpose:
 - Develop metrics that PEPH researchers and program staff can use to guide evaluations
- **Session #3 – Christie Drew** will discuss activity in greater detail.

DRAFT – Do not cite or quote

21 April 2010

Partnerships Logic Model

Activities



Outputs



Impacts



Figure 1: This logic model provides a framework for evaluating the creation and maintenance of partnerships within PEPH programs. The model is intended to identify possible activities, outputs, and impacts of successful PEPH partnerships, without being prescriptive. The model recognizes that programs may be at different levels of maturity, and reflects this in that it is displayed as a roughly chronological sequence from left to right and top to bottom. However, the logic model is not necessarily linear; not every PEPH project will begin at the top left of the logic model and proceed to the bottom right. Additionally, projects are not necessarily expected to adhere to or exhibit all elements of the model. Ideally, any project working to develop partnerships will readily recognize itself in the model elements. The elements of the model are numbered to provide reference for the text. PEPH participant activities are shown on the top line, with outputs and impacts following.

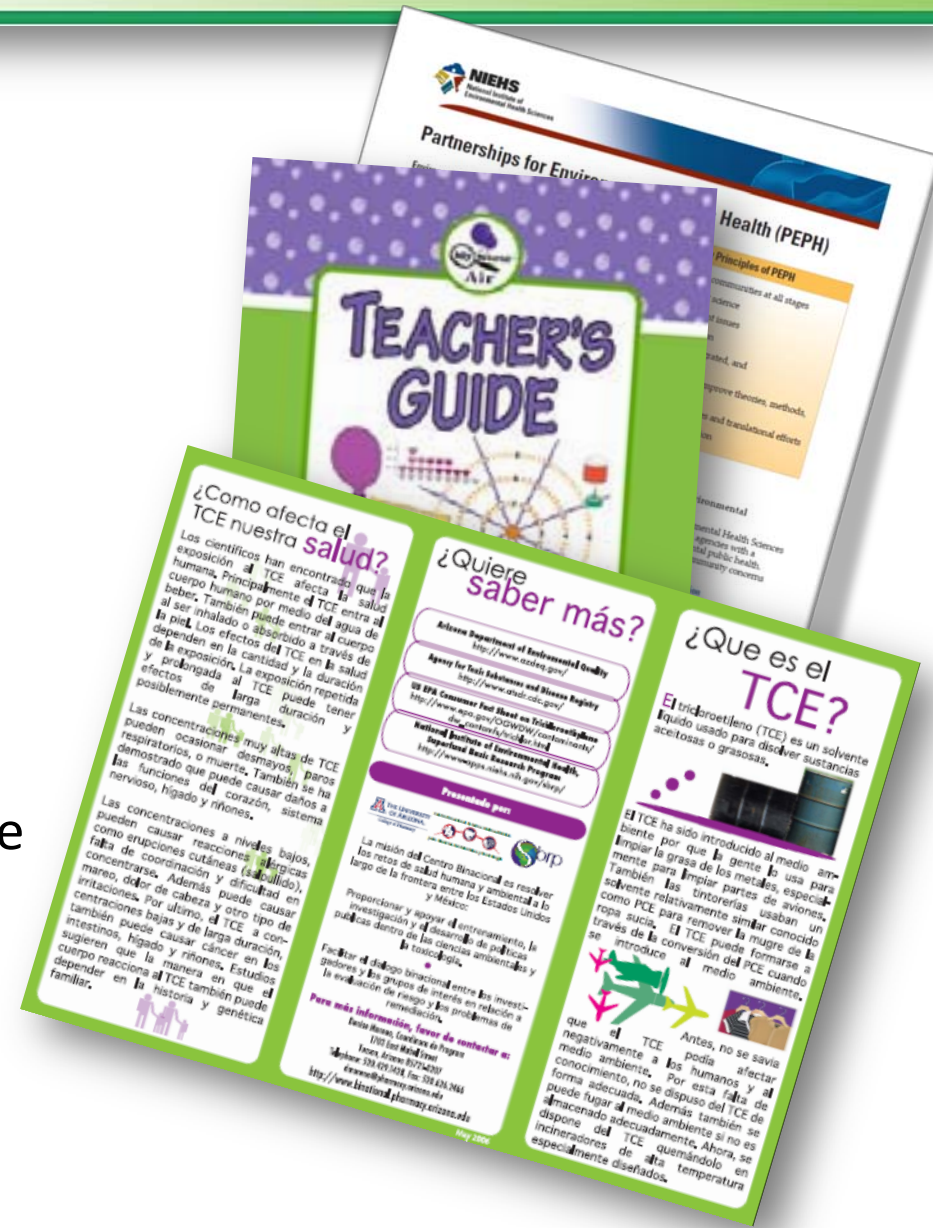
- Activities are actions that use available inputs to create and maintain partnerships.
- Outputs are the direct products of partnership activities.
- Impacts are benefits or changes resulting from the activities and outputs. Ultimate or long-term impacts are also examined in the Evaluation chapter (see Chapter XX).



Partnerships For Environmental Public Health

PEPH Resource Center

- Central Repository of materials developed by NIEHS grantees under the PEPH umbrella
- On-line application
 - Grantees
 - NIEHS staff
- Share, manage, and promote
- NIEHS will review and post some materials to public web





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Partnerships for Environmental Public Health Resource Center

A⁺ A⁻

Welcome, Liam

The purpose of the PEPH Resource Center is to facilitate entry, management, viewing, and publishing of educational and outreach materials created by NIEHS grantees under the PEPH umbrella. The PEPH Resource Center will also foster sharing and exchange of materials, which should reduce the duplication of efforts, and promote the advancement of new communication strategies.

[Manage Materials](#)

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NIEHS Staff: Request an Update of this Page | The Junction



Partnerships For Environmental Public Health

Resource Center: Opportunity

- “Getting Acquainted with the PEPH Resource Center”
- Get set up to use it
- Practice on a ‘Development Page’
- Go home and begin entering your materials!
- Questions or Problems?
 - Contact Lynn Albert



Inaugural Partnerships for Environmental Public Health Program Meeting

Getting Acquainted with the PEPH Resource Center

Room A262

Monday, 1:15 - 2:30 Monday, 3:00 - 4:15 Tuesday 10:30 - 12:00

- Learn what the Resource Center can do for you
- Set up a Resource Center user account
- Get a “hands on” experience:
 - Uploading materials into the Resource Center
 - Browsing and searching for materials in the Resource Center
- And much more!

Please fill out the form below and return it the Check-In table or to Lynn Albert at one of the “Getting Acquainted with the PEPH Resource Center” breakout sessions.

All of this information is required to establish a PEPH Resource Center user account.

Detach Here

First Name	
Last Name	
Department/Branch	
Company/School/Institute	
Business E-mail Address	
Business Telephone Number	
Business Street Address	
City	
State/Province	
Zip/Postal Code	
Country/Region	
PEPH Program Affiliation(s)	



PEPH Webinars

- Provide opportunities for NIEHS grantees to share strategies, successes, outcomes, and lessons learned from their on-going activities
- Enhance progress toward the shared goal of advancing the impact of science-based inquiries of the interactions between environmental exposures and human health
- Next Webinar will be May 25, 2010
- Input from grantees on cross-cutting topics is encouraged
 - Flip chart in lobby to recommend and vote on topics
 - Suggest speakers (volunteers)



PEPH: Next 10 Years

- Provide and promote multiple ways for researchers and communities to obtain support for innovative and creative activities that will place them under the PEPH umbrella
 - On-going Program Announcements
 - Funding announcements with set-sides
 - Unsolicited applications
- PEPH Website
 - Program descriptions
 - Funding opportunities
 - Products and highlights





PEPH Working Group

Liam O'Fallon, SPHB

Kimberly Gray, SPHB

Claudia Thompson, SPHB

Caroline Dilworth, SPHB

Beth Anderson, CRIS

Mike Humble, COSPB

Frederick Tyson, COSPB

Cindy Lawler, COSPB

Pat Mastin, COSPB

Chip Hughes, WETB

Sharon Beard, WETB

Helena Davis, PAB

Jerry Phelps, PAB

Christie Drew, PAB

Carolyn Mason, GMB

Dorothy Duke, GMB

Terry Nesbit, SRB

Sally Eckert-Tilotta, SRB

Rachel Gross, DERT/OD

Gwen Collman, DERT/OD

John Balbus, NIEHS/OD

Stefani Hines, Council Liaison

Hillary Carpenter, Council Liaison



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PEPH MEETING OVERVIEW



Inaugural PEPH Meeting: Objectives

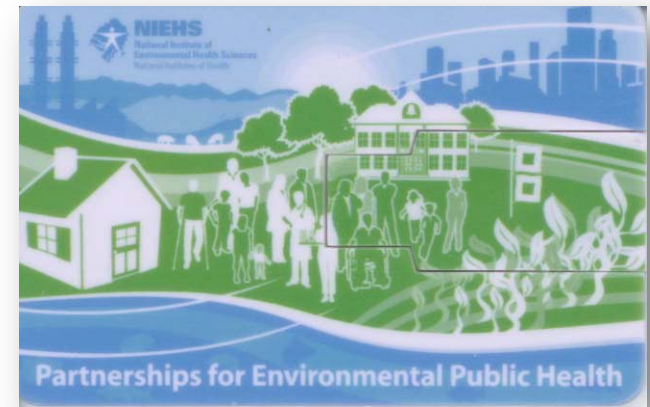
1. Promote interaction among grantees
2. Increase awareness among grantees, NIEHS staff and federal partners
3. Advance common approaches and topics across different grant programs
4. Encourage feedback and input on gaps and opportunities





Meeting Materials

- Participants received a flash drive with all meeting materials
 - Project summaries
 - Poster abstracts
 - Recommended articles from presenters
 - Presenter bios
 - Presentations (some)
- Space still available
 - Download presentations after the meeting



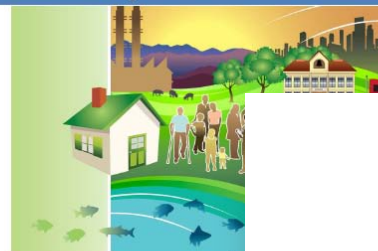


Partnerships For Environmental Public Health

Project Information

- Project Descriptions
- Poster Abstracts

Partnerships for Environmental
Public Health Project
Descriptions



Partnerships for Environmental
Public Health Poster Abstracts





Virtual Meeting Spaces

- Videocast/Webcast of Sessions
 - Open up the meeting to a larger audience
- Twitter
 - Tweet your thoughts to **#PEPH2010**
 - New approach to increasing awareness of environmental public health



Sessions

- *Session #1: Community Participation in Research: Insuring research leads to a public health action*
- *Session #2: Building the capacity of all research partners*
- *Session #3: PEPH Evaluation Metrics*
- **Federal Coordination Panel**
- *Session #4: Novel methods, models and approaches used to detect health effects of environmental exposures*
- *Session #5: Risk communication: key messages, research and uncertainty*



Logistics

- Poster Sessions
 - Session #1 (11:15 a.m.)
 - Session #2 (4:15 p.m.)
 - NIEHS Booth
- Lunch (~12:15)
 - Box Lunches
 - Lunch with NIEHS staff (option)
- Breaks
 - Coffee bar
 - Cafeteria



Appreciation

- Planning committee: Kathleen Gray, Kimberly Morland, Erin Haynes, Susan Samson, Hillary Carpenter, Katie Frevert, Robin Fuchs-Young, John Sullivan, Karen Pierce, Karen Miller, David Gute, Deborah Weinstock, Justin Crane, Kerri Moran, Kimberly Baker, Maureen Avakian, Christie Drew, Heather Henry, Liz Maull, Sally Ekert-Tilotta, Helena Davis, Caroline Dilworth, Cindy Lawler, Beth Anderson, Rachel Gross, and Kimberly Gray.
- Special thanks to those working behind the scenes to make this meeting a success: Elliott Gilmer, John Maruca, Brent McCuen, Kris Erwin, and Liz Cartano and the cafeteria team.